TRITTON™
TECHNOLOGIES

SEE2

USB 2.0 XPRESS DOCKING STATION TRIXD300

# USER MANUAL

v. 1.0

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# INTRODUCTION

Thank you for purchasing the **XD300 Xpress Docking Station**. The flexibility and prevalence of USB 2.0 technology makes it unnecessary to open your computer. In addition to replicating the standard PC Input/Output interfaces, a high-speed VGA port is also provided. It is ideal for portable PC users with small LCD displays as it can support a second display with up to 1600 x 1200 resolution. It is compatible with PC laptop running Windows, making it universal. This easy-to-use solution will provide productivity, expandability and connectivity to both home and office environment.

## FEATURES

- Resolutions up to 1600 x 1200
- Primary, Extended, Mirror and Rotated modes
- 4 Self Powered USB 2.0 Ports
- RJ45 10/100 Mbps Ethernet Port
- Stereo Audio Output (Speaker/Headphone) and Mono audio input (Mic)
- USB 2.0 compliant
- Plug-and-Play compliant
- Windows OS 2000 SP4 / Windows XP SP2 / Windows Vista 32/64 bit

## SYSTEM REQUIREMENTS

- PC USB 2.0 Port
- 512MB RAM or Higher; Pentium 4 /Celeron family or AMD K6/Athlon/Duron family with 1.5GHz

## OPERATING SYSTEMS SUPPORTED

- Windows OS 2000 SP4 /Windows XP SP2 / Windows Vista 32/64 bit

## PACKAGE CONTENTS

- XD300
- CD with User Guide and Installation Driver
- Quick Start Guide
- AC Adapter
- USB cable

## REGULATORY COMPLIANCE

- FCC / CE / C-tick / VCCI

## SUPPORTED DISPLAY RESOLUTIONS:

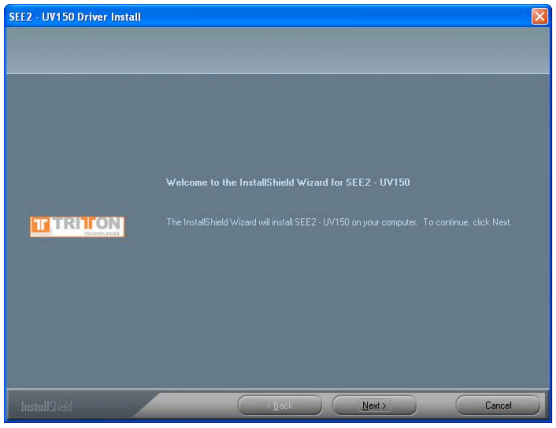
| Resolutions Supported | Color Bits | |
|---|---|---|
| | 16 Bits | 32 Bits |
| 1600 x 1200 | V | V |
| 1680 x 1050 | V | V |
| 1400 x 1050 | V | V |
| 1440 x 900 | V | V |
| 1600 x 900 | V | V |
| 1360 x 768 | V | V |
| 1280 x 1024 | V | V |
| 1280 x 960 | V | V |
| 1280 x 800 | V | V |
| 1280 x 768 | V | V |
| 1280 x 720 | V | V |
| 1152 x 864 | V | V |
| 1024 x 768 | V | V |
| 800 x 600 | V | V |
| 640 x 480 | V | V |

# DEVICE INSTALLATION WINDOWS 2000/XP

## ➢ SOFTWARE INSTALLATION

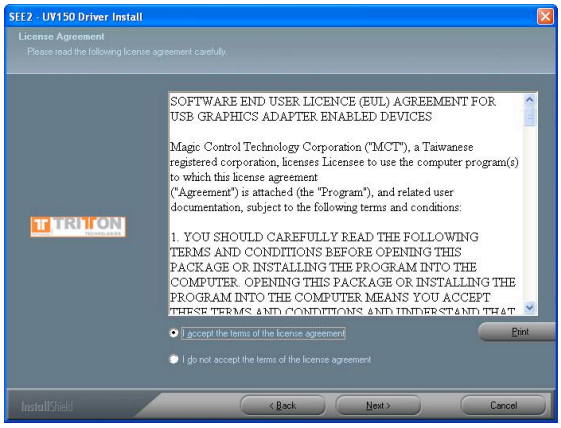
Installing the device driver enables your computer's operating system to recognize the XD300. Please check what operating system you are using, and ensure you are referring to the appropriate installation procedure before you begin. Please make sure the XD300 is **unplugged** from your PC or Notebook before executing the setup program.

**Step 1.**
Insert the Driver CD into the CD-ROM drive; the CD menu should launch automatically. Click "Install Driver" to launch the setup program. If the setup program does not begin automatically, click Start, Run and type "**D:\Driver\Setup.exe**" (where D: is the path of your CD-ROM drive). You can also access it from My Computer

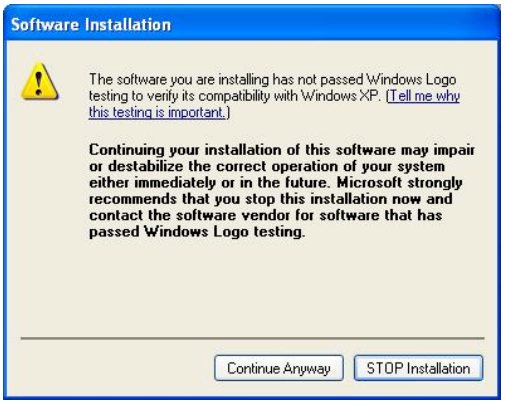

SEE2 - UV150 Driver Install
Welcome to the InstallShield Wizard for SEE2 - UV150
The InstallShield Wizard will install SEE2 - UV150 on your computer. To continue, click Next.
InstallShield
< Back
Next >
Cancel

Click "**Next**" to continue.

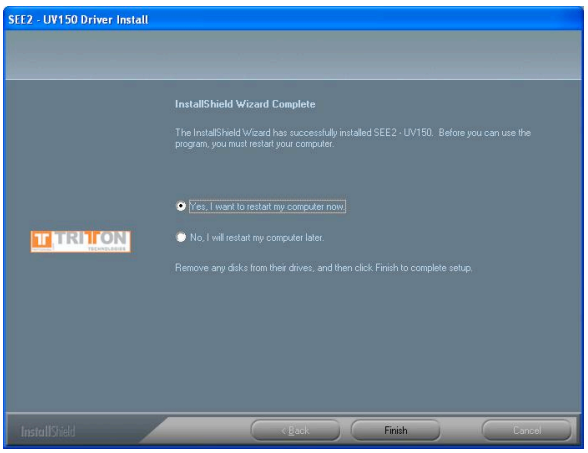
**Step 2.**
License Agreement; please review and select ***"I accept the terms of the license agreement***." Click "**Next**" to accept the License Agreement.


SEE2 - UV150 Driver Install
License Agreement
Please read the following license agreement carefully.
SOFTWARE END USER LICENCE (EUL) AGREEMENT FOR USB GRAPHICS ADAPTER ENABLED DEVICES
Magic Control Technology Corporation ("MCT"), a Taiwanese registered corporation, licenses Licensee to use the computer program(s) to which this license agreement ("Agreement") is attached (the "Program"), and related user documentation, subject to the following terms and conditions:
1. YOU SHOULD CAREFULLY READ THE FOLLOWING TERMS AND CONDITIONS BEFORE OPENING THIS PACKAGE OR INSTALLING THE PROGRAM INTO THE COMPUTER. OPENING THIS PACKAGE OR INSTALLING THE PROGRAM INTO THE COMPUTER MEANS YOU ACCEPT
I accept the terms of the license agreement
I do not accept the terms of the license agreement
Print
InstallShield
< Back
Next >
Cancel

**Step 3.**
The Microsoft Software Installation Certificate warning dialogue box will be displayed under Windows XP up to 6 times. Please select "**Continue Anyway**" to continue with the device driver installation. This will not affect the device driver installation or usage.


Software Installation
The software you are installing has not passed Windows Logo testing to verify its compatibility with Windows XP. (Tell me why this testing is important.)
Continuing your installation of this software may impair or destabilize the correct operation of your system either immediately or in the future. Microsoft strongly recommends that you stop this installation now and contact the software vendor for software that has passed Windows Logo testing.
Continue Anyway
STOP Installation

**Step 4.**
Click “**Finish**” to exit the Driver Wizard and reboot your computer.


SEE2 - UV150 Driver Install
InstallShield Wizard Complete
The InstallShield Wizard has successfully installed SEE2 - UV150. Before you can use the program, you must restart your computer.
Yes, I want to restart my computer now.
No, I will restart my computer later.
Remove any disks from their drives, and then click Finish to complete setup.
TRITON
InstallShield
< Back
Finish
Cancel

## ➢ WINDOWS 2000/XP HARDWARE INSTALLATION

**Step 1**

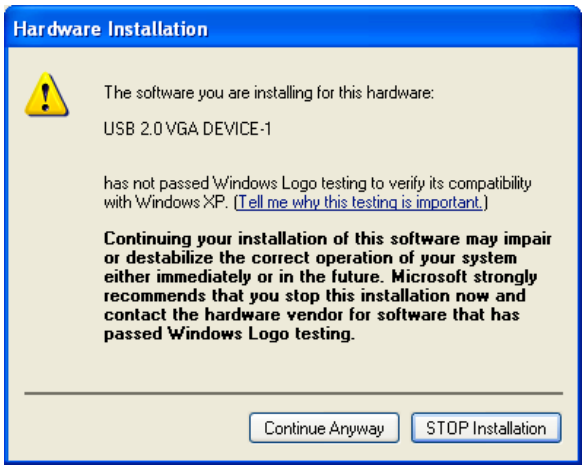
Connect the external display device (monitor/projector) to the VGA connector of the XD300 and ensure the display device is on. Plug the AC adapter into the XD300.

**Step 2**

Plug one end of the USB cable into the XD300 and the other into an available USB 2.0 port of your PC. The driver installation will proceed automatically.

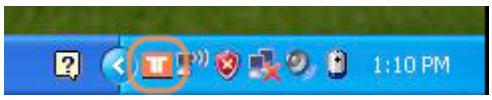
**Step. 3**

Please select "**Continue Anyway**" to continue with the installation each time this window appears. It will not affect the device installation or the device usage.


Hardware Installation
The software you are installing for this hardware:
USB 2.0 VGA DEVICE-1
has not passed Windows Logo testing to verify its compatibility with Windows XP. (Tell me why this testing is important.)
Continuing your installation of this software may impair or destabilize the correct operation of your system either immediately or in the future. Microsoft strongly recommends that you stop this installation now and contact the hardware vendor for software that has passed Windows Logo testing.
Continue Anyway
STOP Installation

∗ The Microsoft Certificate warning dialogue boxes will not appear when the driver receives the WHQL certification.

**Step. 4**

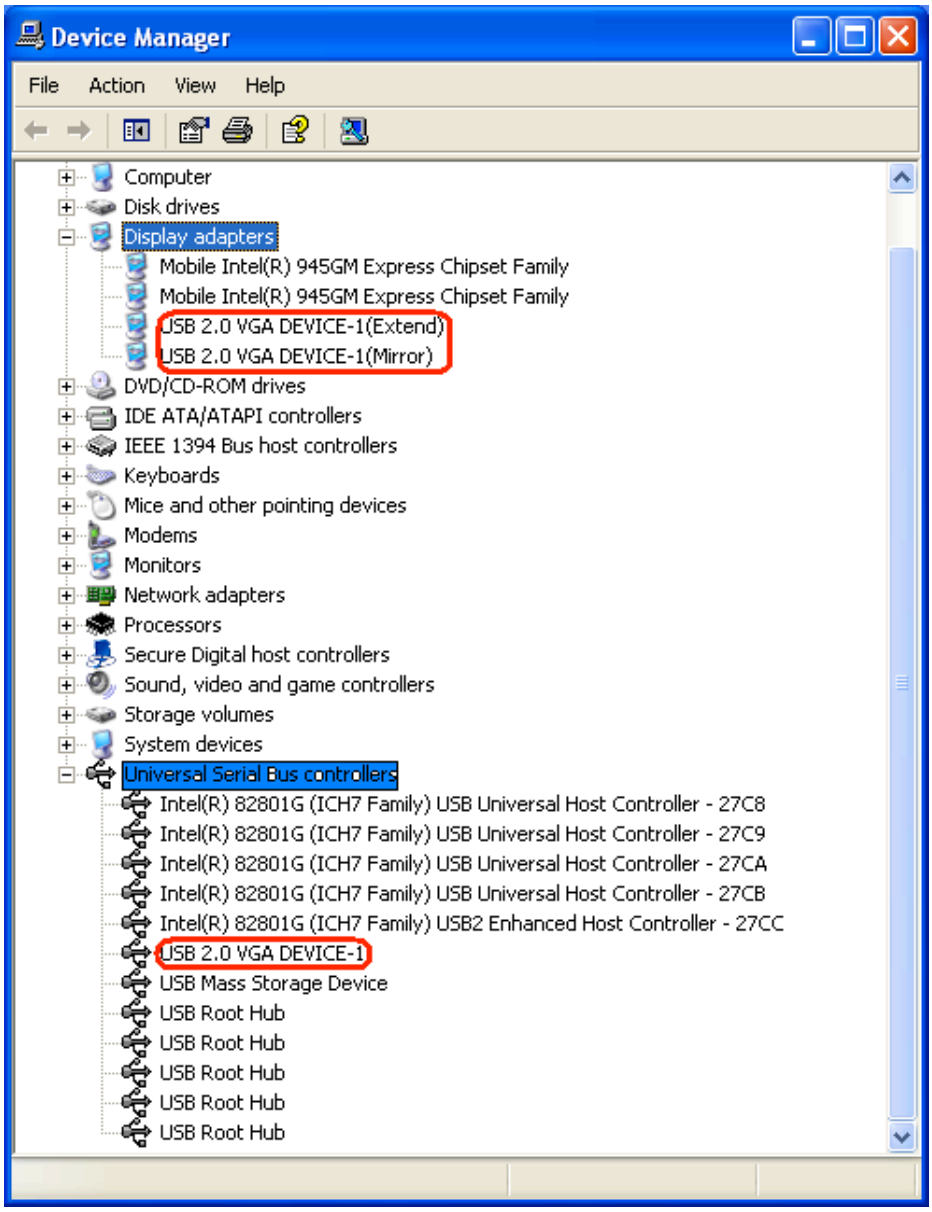



When the installation is complete you will see the icon appear in the task bar.

# VERIFYING DEVICE DRIVER INSTALLATION IN WINDOWS 2000/XP

The following procedure allows you to verify the device driver installation. It is optional, but a useful troubleshooting tool.

Right click “My Computer” → “Properties” → “Hardware” → “Device Manager”. Double click “**Display adapters**”, and “**Universal Serial Bus controllers**”.


Device Manager
File Action View Help
Computer
Disk drives
Display adapters
Mobile Intel(R) 945GM Express Chipset Family
Mobile Intel(R) 945GM Express Chipset Family
USB 2.0 VGA DEVICE-1(Extend)
USB 2.0 VGA DEVICE-1(Mirror)
DVD/CD-ROM drives
IDE ATA/ATAPI controllers
IEEE 1394 Bus host controllers
Keyboards
Mice and other pointing devices
Modems
Monitors
Network adapters
Processors
Secure Digital host controllers
Sound, video and game controllers
Storage volumes
System devices
Universal Serial Bus controllers
Intel(R) 82801G (ICH7 Family) USB Universal Host Controller - 27C8
Intel(R) 82801G (ICH7 Family) USB Universal Host Controller - 27C9
Intel(R) 82801G (ICH7 Family) USB Universal Host Controller - 27CA
Intel(R) 82801G (ICH7 Family) USB Universal Host Controller - 27CB
Intel(R) 82801G (ICH7 Family) USB2 Enhanced Host Controller - 27CC
USB 2.0 VGA DEVICE-1
USB Mass Storage Device
USB Root Hub
USB Root Hub
USB Root Hub
USB Root Hub
USB Root Hub

❖

# DEVICE DRIVER UN-INSTALLATION IN WINDOWS 2000/XP SYSTEM

The following procedure allows you to un-install the XD300 device driver.

Step 1 Please make sure the XD300 **is unplugged** from your PC or Notebook before executing the device driver un-installation program.

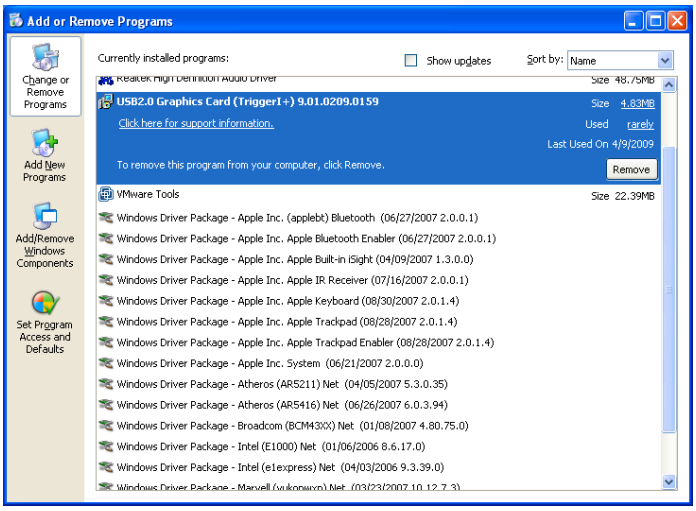
**Step 2.**

Default Windows XP Start menu:

Click "Start" → "Control Panel" → "Add or Remove Programs".

Classic start menu:

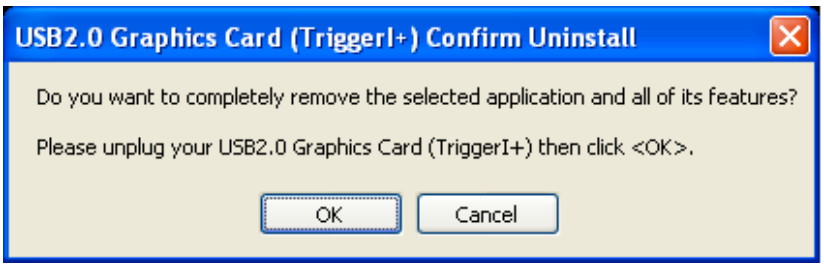
Click "Start" → "Settings" → "Control Panel" → "Add or Remove Programs".


Add or Remove Programs
Currently installed programs:
Show updates
Sort by: Name
Change or Remove Programs
Add New Programs
Add/Remove Windows Components
Set Program Access and Defaults
USB2.0 Graphics Card (TriggerI+) 9.01.0209.0159
Size 4.83MB
Click here for support information.
Used rarely
Last Used On 4/9/2009
To remove this program from your computer, click Remove.
Remove
VMware Tools
Size 22.39MB
Windows Driver Package - Apple Inc. (applebt) Bluetooth (06/27/2007 2.0.0.1)
Windows Driver Package - Apple Inc. Apple Bluetooth Enabler (06/27/2007 2.0.0.1)
Windows Driver Package - Apple Inc. Apple Built-in iSight (04/09/2007 1.3.0.0)
Windows Driver Package - Apple Inc. Apple IR Receiver (07/16/2007 2.0.0.1)
Windows Driver Package - Apple Inc. Apple Keyboard (08/30/2007 2.0.1.4)
Windows Driver Package - Apple Inc. Apple Trackpad (08/28/2007 2.0.1.4)
Windows Driver Package - Apple Inc. Apple Trackpad Enabler (08/28/2007 2.0.1.4)
Windows Driver Package - Apple Inc. System (06/21/2007 2.0.0.0)
Windows Driver Package - Atheros (AR5211) Net (04/05/2007 5.3.0.35)
Windows Driver Package - Atheros (AR5416) Net (06/26/2007 6.0.3.94)
Windows Driver Package - Broadcom (BCM43XX) Net (01/08/2007 4.80.75.0)
Windows Driver Package - Intel (E1000) Net (01/06/2006 8.6.17.0)
Windows Driver Package - Intel (e1express) Net (04/03/2006 9.3.39.0)

Select "**USB 2.0 Graphics Card (Trigger 1+)"** item. Click the "**Remove**" button.

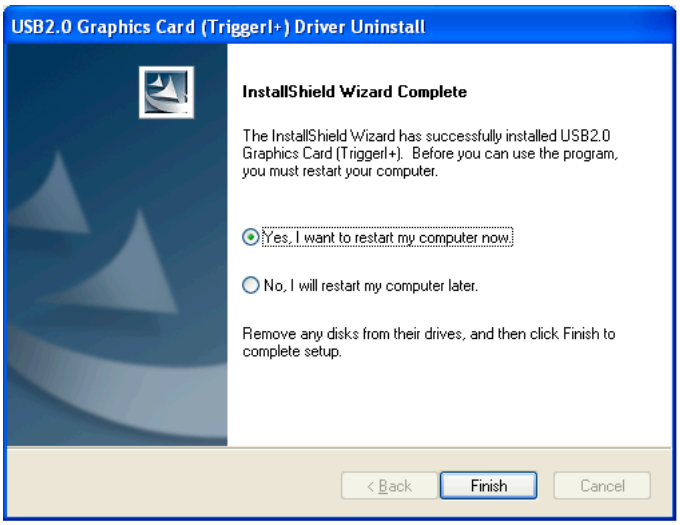
**Step 3.**

Make sure the XD300 is unplugged from notebook/PC USB port and click "**OK**" to continue.


USB2.0 Graphics Card (TriggerI+) Confirm Uninstall
Do you want to completely remove the selected application and all of its features?
Please unplug your USB2.0 Graphics Card (TriggerI+) then click <OK>.
OK
Cancel

**Step. 4**

Select "***Yes, I want to restart my computer now***" and click "**Finish**" to reboot. After reboot, you will complete the driver un-installation


USB2.0 Graphics Card (TriggerI+) Driver Uninstall
InstallShield Wizard Complete
The InstallShield Wizard has successfully installed USB2.0 Graphics Card (TriggerI+). Before you can use the program, you must restart your computer.
Yes, I want to restart my computer now.
No, I will restart my computer later.
Remove any disks from their drives, and then click Finish to complete setup.
< Back
Finish
Cancel

# DEVICE INSTALLATION ON WINDOWS VISTA SYSTEM

## ➢ SOFTWARE INSTALLATION

Installing the device driver enables your computer's operating system to recognize the XD300. Please check what operating system you are using and ensure you are referring to the appropriate installation procedure before you begin.

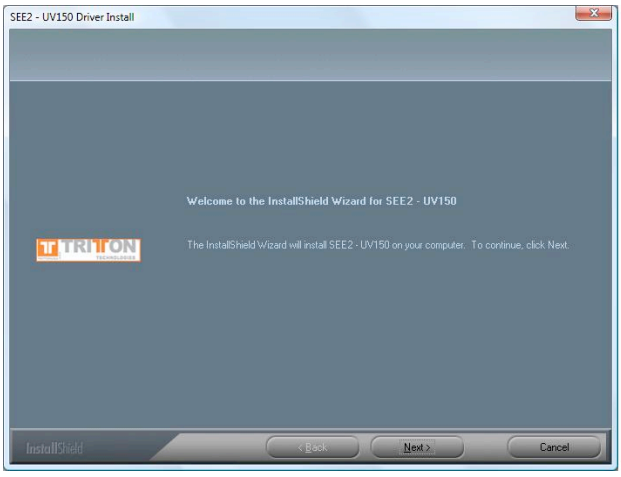
Please make sure the XD300 is **unplugged** from your desktop or notebook before executing the setup program. This section illustrates the simple device driver installation procedure for computers running the Windows Vista operating system.

**Step 1.**

Insert the Driver CD into the CD-ROM drive; the CD menu should launch automatically. Click "Install Driver" to launch the setup program. If the setup program does not begin automatically, click Start, Run and type "**D:\Driver\Setup.exe**" (where D: is the path of your CD-ROM drive). You can also access it from My Computer

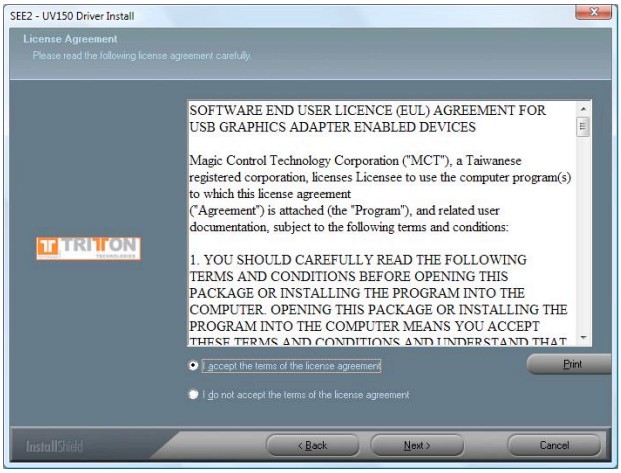
**Step 2.**

Driver Installation Wizard, click "Next" to continue


SEE2 - UV150 Driver Install
Welcome to the InstallShield Wizard for SEE2 - UV150
TRITON
The InstallShield Wizard will install SEE2 - UV150 on your computer. To continue, click Next.
InstallShield
< Back
Next >
Cancel

**Step 3**

License Agreement; review it and check "***I accept the terms of the license agreement.***" Click "**Next**" to accept the License Agreement


SEE2 - UV150 Driver Install
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I accept the terms of the license agreement
I do not accept the terms of the license agreement
Print
InstallShield
< Back
Next >
Cancel

**Step 4**

A Windows Security warning dialogue box will display under Windows Vista, but it will not affect the device driver installation and usage the device. Please select "***Always trust software from "Magic Control Technology Corp.***", then click "**Install**" to continue

Windows Security
Would you like to install this device software?
Name: Magic Control Technology Corp. Universal...
Publisher: Magic Control Technology Corp.
Always trust software from "Magic Control Technology Corp.".
Install
Don't Install
You should only install driver software from publishers you trust. How can I decide which device software is safe to install?

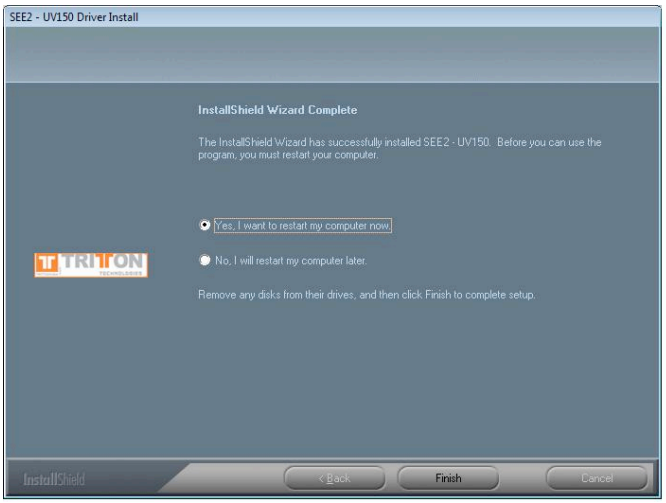
**Step 5**

Setup is searching for installed features…

**Normally, this step will take around *5 to 10* minutes to complete**

**Step. 6**

Driver Installation Wizard, click “**Finish**” to continue and restart the computer.


SEE2 - UV150 Driver Install
InstallShield Wizard Complete
The InstallShield Wizard has successfully installed SEE2 - UV150. Before you can use the program, you must restart your computer.
Yes, I want to restart my computer now.
No, I will restart my computer later.
Remove any disks from their drives, and then click Finish to complete setup.
TRITON
InstallShield
< Back
Finish
Cancel

➢

## ◆ Installation of XD300

**Step 1**

Connect the external display device (monitor/projector) to the VGA connector of the XD300 and ensure the display device is on.

**Step 2**

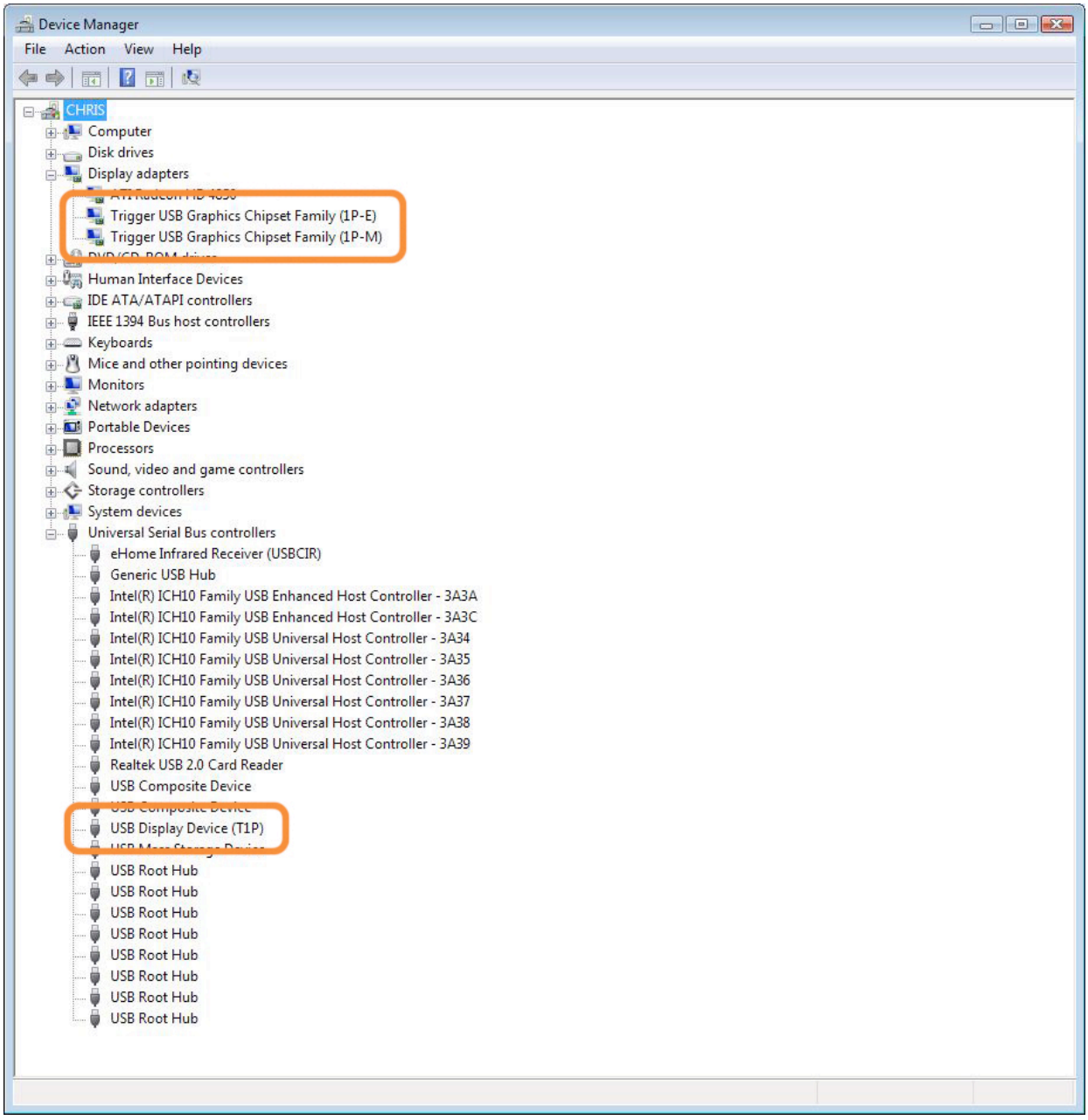
Plug the XD300 into an available USB 2.0 port of your PC. The driver installation will proceed automatically. When the installation is complete you will see the icon appear in the task bar.

# VERIFYING DEVICE DRIVER INSTALLATION IN WINDOWS VISTA

The following procedure allows you to verify the device driver installation. It is optional, but a useful troubleshooting tool.

Please right click "**Computer**" → "**Properties**" → "**Device Manager**".

Please double click "**Display adapters**", and "**Universal Serial Bus controllers**".


Device Manager
File Action View Help
CHRIS
Computer
Disk drives
Display adapters
Trigger USB Graphics Chipset Family (1P-E)
Trigger USB Graphics Chipset Family (1P-M)
Human Interface Devices
IDE ATA/ATAPI controllers
IEEE 1394 Bus host controllers
Keyboards
Mice and other pointing devices
Monitors
Network adapters
Portable Devices
Processors
Sound, video and game controllers
Storage controllers
System devices
Universal Serial Bus controllers
eHome Infrared Receiver (USBCIR)
Generic USB Hub
Intel(R) ICH10 Family USB Enhanced Host Controller - 3A3A
Intel(R) ICH10 Family USB Enhanced Host Controller - 3A3C
Intel(R) ICH10 Family USB Universal Host Controller - 3A34
Intel(R) ICH10 Family USB Universal Host Controller - 3A35
Intel(R) ICH10 Family USB Universal Host Controller - 3A36
Intel(R) ICH10 Family USB Universal Host Controller - 3A37
Intel(R) ICH10 Family USB Universal Host Controller - 3A38
Intel(R) ICH10 Family USB Universal Host Controller - 3A39
Realtek USB 2.0 Card Reader
USB Composite Device
USB Display Device (T1P)
USB Root Hub
USB Root Hub
USB Root Hub
USB Root Hub
USB Root Hub
USB Root Hub
USB Root Hub
USB Root Hub

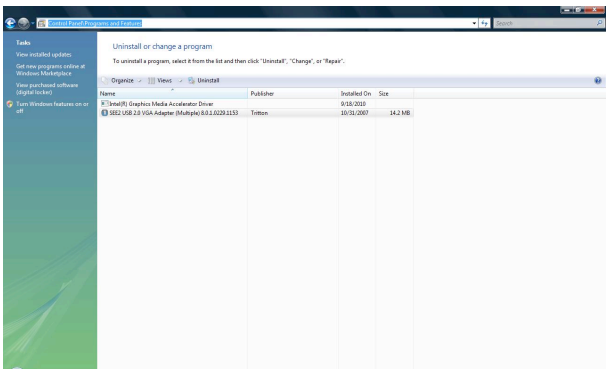
# DEVICE DRIVER UN-INSTALLATION IN WINDOWS VISTA

The following procedure allows you to un-install the XD300's device driver. Please make sure the XD300 is **unplugged** from your PC or Notebook before executing the device driver un-installation program.

**Step 1.**

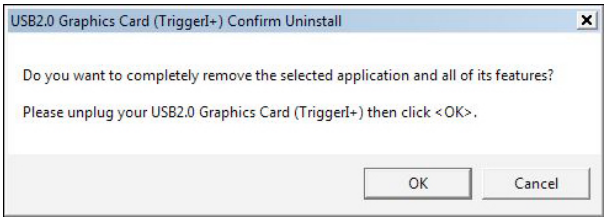
- **Standard menu:**
  Please click "**Start**" → "**Control Panel**" → "**Program and Features**".

- **Classic Start menu:**
  Please click "**Start**" → "**Settings**" → "**Control Panel**" → "**Program and Features**".

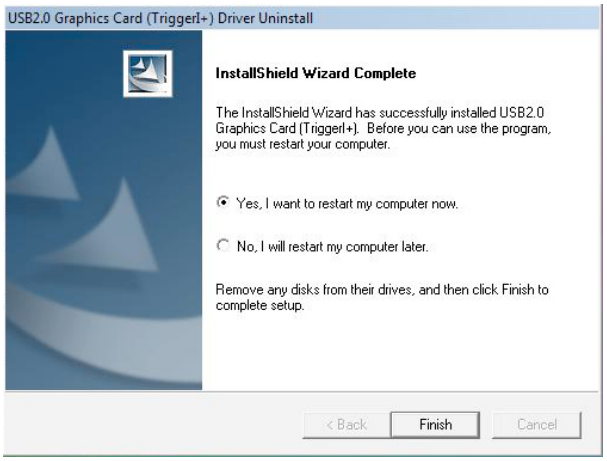



Select "**USB 2.0 to VGA**" item. Click "**Uninstall**" button.

**Step 2.**
Click "**OK**" to continue


USB2.0 Graphics Card (TriggerI+) Confirm Uninstall
Do you want to completely remove the selected application and all of its features?
Please unplug your USB2.0 Graphics Card (TriggerI+) then click <OK>.
OK
Cancel

**Step 3.**
select "***Yes, I want to restart my computer now***" and click "**Finish**" to reboot. After reboot, you will complete the driver un-installation.

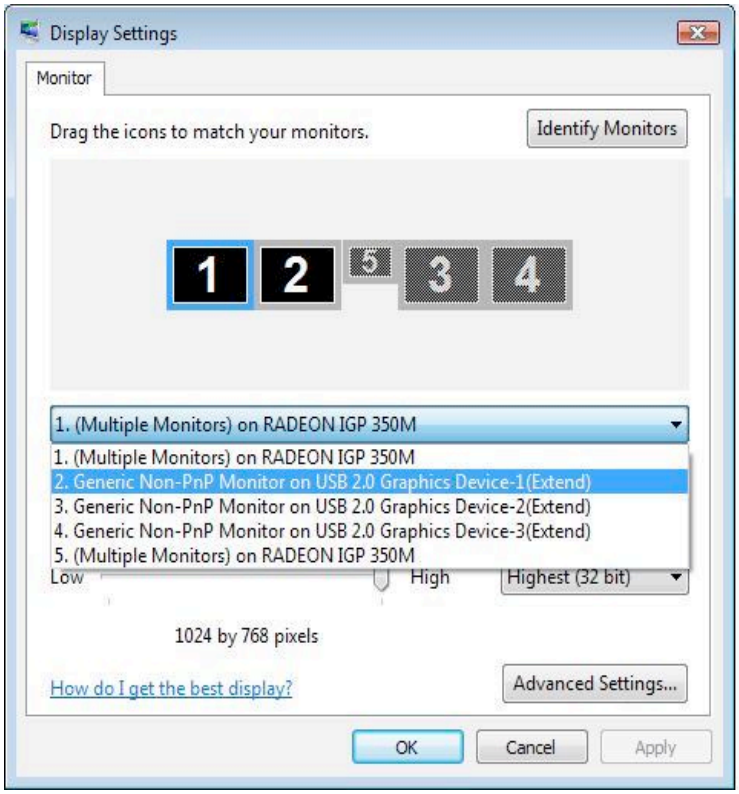

USB2.0 Graphics Card (TriggerI+) Driver Uninstall
InstallShield Wizard Complete
The InstallShield Wizard has successfully installed USB2.0 Graphics Card (TriggerI+). Before you can use the program, you must restart your computer.
Yes, I want to restart my computer now.
No, I will restart my computer later.
Remove any disks from their drives, and then click Finish to complete setup.
< Back
Finish
Cancel

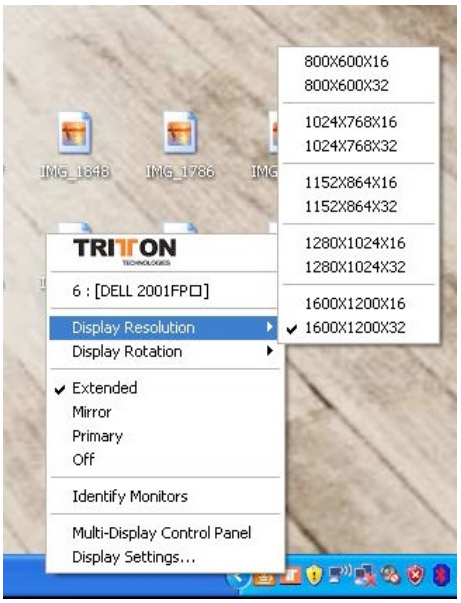
## FUNCTION DESCRIPTION

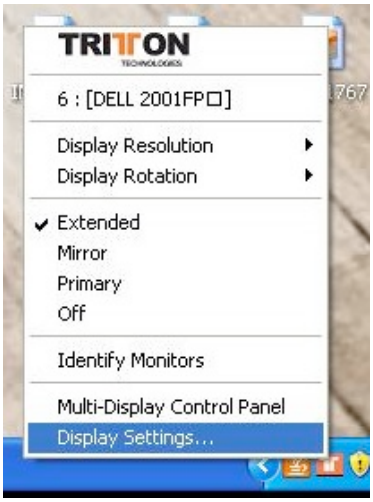
This section describes the main functions provided by the XD300.

- The XD300 can support LCD or CRT displays; The VGA interface can be used on LCD or CRT monitors. Four different modes are available for use: Primary, Extended, Mirror and Portrait Mode (Rotation) by right-clicking the utility icon.

- The resolution can be modified via the Utility Icon or Display Properties. There is a shortcut to Display Properties in the XD300 system tray icon menu.



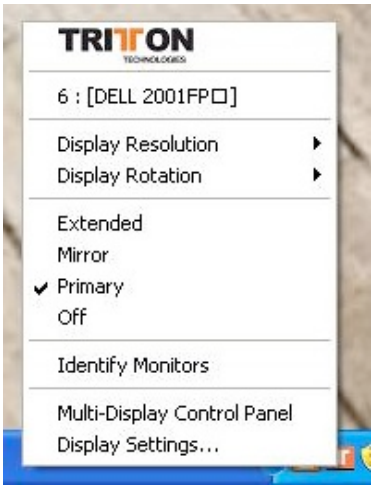



**Display Settings Shortcut**

Choosing the "**Display Settings…"** option from the pop-up menu will open the Windows Display Settings Control Panel.

**"Primary" Mode**

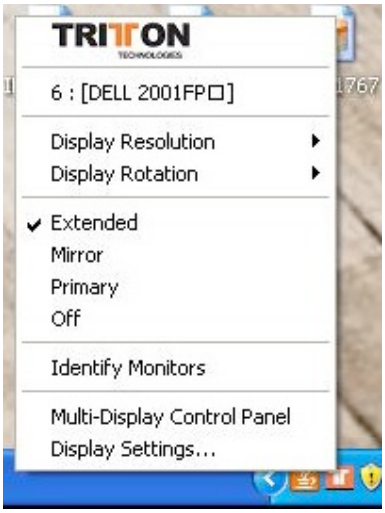
The system's main graphics adapter will automatically switch to act as the secondary graphics adapter and the main screen as the extended desktop.




The monitor connected to the XD300 will now act as the primary Windows desktop. Please be advised that display utilities that shipped with some AGP and built-in display adapters may prevent this option from working on some systems. You can disable the other utility program (usually found in the same toolbar located on the bottom right hand corner) to make this function work properly.

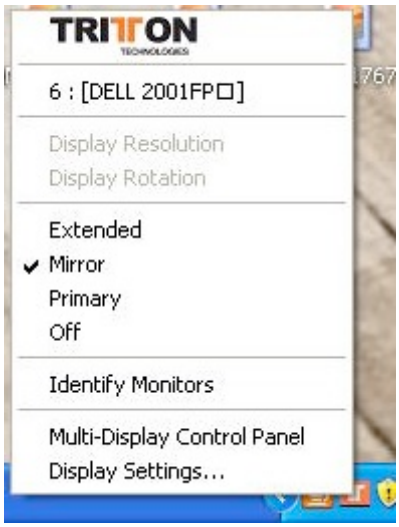
**"Extended" Mode (Default)**

By default, the monitor connected to XD300 will work as, "Extended Desktop" which extends the primary Windows desktop of your system. You can change the relative position of this extended desktop under the Display Properties.



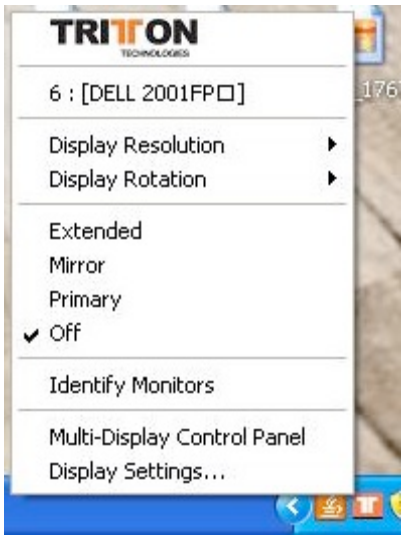
**"Mirror" Mode**

By setting this mode, the Windows desktop will be mirrored/replicated to the secondary CRT/LCD monitor. The screen resolution setting on the secondary monitor MUST match the primary screen's resolution. For example, if the primary resolution is 1600 x 1200 x 32bit, the secondary monitor's resolution will be the same. If the selected resolution setting is not supported by the primary screen, a warning dialogue box will be displayed and the suggested screen resolution will be shown.



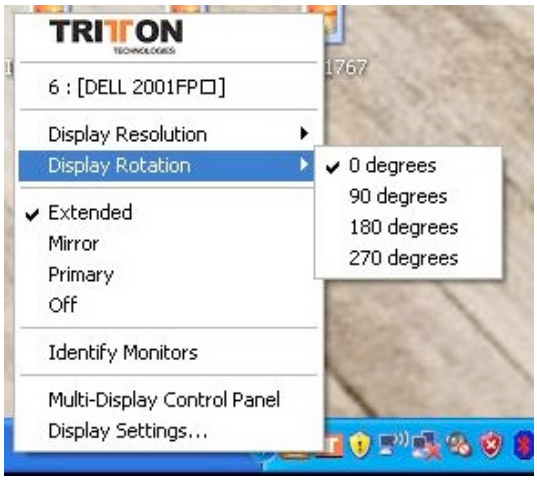

**"OFF" Mode**

This option disables the XD300 on the system.



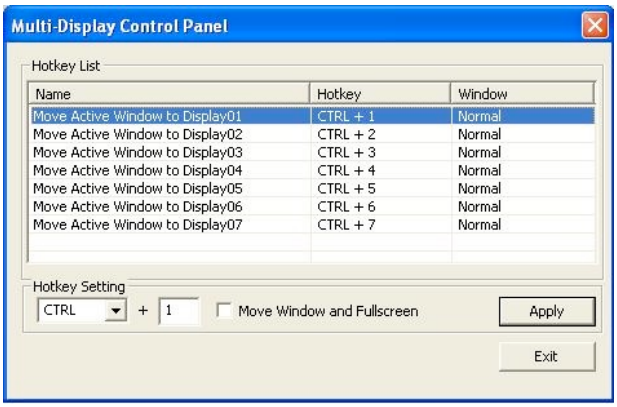

**Rotation**

This feature enables setting the orientation of the secondary CRT/LCD monitor. Several options such as "**0 degrees**", "**90 degrees**", "**180 degrees**" or **"270 degrees"** are available under the Extended or Primary mode. This is helpful because some monitors rotate to the left, and some to the right.



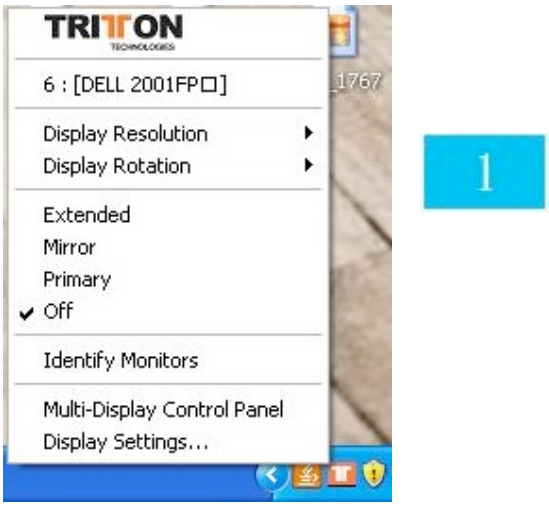
### Multi-Display Control Panel

The Multi-Display Control Panel will allow you to setup hotkey shortcuts for moving windows to other displays. Check the “Move Window and Fullscreen” checkbox to maximize the window when it is moved to the selected display.




### Identify Monitors

Choosing the Identify Monitors option will display a number on each monitor to help identify each monitor. The number will appear in a blue box in the upper right corner.




### USB to Audio:

The Xpress Docking Station Can support one microphone input and one stereo speaker output.

### USB to Ethernet:

The Xpress Docking Station Can support the 10/100Mbps LAN transfer, and it is compliant IEEE802.3u 100BASE-TX and IEEE802.3 10BASE-T.

## ➢ Q&A

This section describes the common Q&A regarding the installation and operation of the XD300.

**Q:** Why can't I make the XD300 the primary display?
**A:** Some video cards ship their product with a utility that prevent other video cards from being set as the primary card. Check the bottom right hand corner taskbar for the utility. Disable the utility before switching our adapter to be the primary display.

**Q:** Why won't my DVD player work when I move it over to the extended display?
**A:** Some DVD playback software packages do not support playing on a second display adapter of any kind. Sometimes opening the program in the secondary display before playing the DVD can help this.

**Q:** How come my video will not play on Media Player if I move it over to the extended desktop?
**A:** Ensure that you have moved the Media Player window completely over to the second screen, if it is overlapping both screens, this will affect playback

**Q:** Why does my mouse not move past the right side of the screen, as it should on extended desktop?
**A:** Check the display settings and make sure that your displays are oriented correctly. You have to tell the computer how the monitors are physically positioned on your desk. From Control Panel > Display Properties (see page 17 for example), click the "Identify Monitors" button, you will see how the computer has numbered the monitors. If this does not match how your computer has them oriented on "display properties", you must drag-and-drop the monitors in display properties so that the numbers are oriented the same as displayed when you click the "Identify Monitors" button.

**Q:** There are lines running horizontally up and down my screen.
**A:** This is due to a low refresh rate setting. You can change this in the Display Properties > Settings > Advanced > Monitor. Make sure you select the USB 2.0 VGA Device first and not set the refresh rate higher than what your monitor can support. This may damage your monitor. You can also try to reset/refresh/resynchronize your monitor.

**Q:** Direct3D does not work?
**A:** This is a current limitation of the adapter. Please check for driver updates in the future to add support for this. If your application requires this, please use the main display adapter.

## ➢ TROUBLESHOOTING TIPS

The following troubleshooting tips may help if you are experiencing any difficulties using our device.

- Check to make sure that all connectors are plugged in correctly.
- Make sure that the USB port that you are using is USB 2.0.
- Try a different USB 2.0 port and/or computer
- Check to see that the monitor is connected correctly and the power is ON.
- Try connecting the adapter directly to the computer instead of through a hub, port replicator, or docking station.
- Unplug all other USB devices from the system.
- Make sure to restart your computer after the driver installation.
- Unplug the adapter, wait a minute, then re-insert it.
- Check the website to make sure you have the latest drivers.
- Reset/refresh/resynchronize your monitor.
- For optimal video playback, an alternate, third-party video player may work better. We do not endorse one in particular; however several quality players are available for free.
- Selecting Primary Mode may disable the main system display on certain Intel graphics solution equipped computer systems.
- If you have problems during the boot up process, start your computer in Safe Mode and uninstall the driver. Hold the CTRL key until the Windows startup menu appears and select Safe Mode.

- For immediate support, visit http://www.trittontechnologies.com to find the latest documentation, Knowledge Base articles, and software for your device. You can also chat live with a support technician or submit a trouble ticket.

- For telephone support, please call us at **800-431-1176** and one of our friendly support technicians will be happy to assist you.

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